

FEATURES

- **VGA and Stereo Audio in a Single Cable**
- **Super Flexible Design for Easy Handling**
- **Molded VGA and Audio Connectors**
- **Ideal for Interconnections Between Computers, Interfaces, VGA Distribution Amplifiers, VGA Switchers, Monitors, and Data Displays**
- **Available as Male to Female (IN8200) or Male to Male (IN8200M)**
- **14-Conductor Cable Contains:**
(3) Mini-Coax for RGB Signals, (2) Shielded Twisted Pairs for Sync Signals, (2) Shielded Twisted Pairs for Stereo Audio and (3) Single Wires for Sense Pin Passing
- **Special Discount Pricing for 1000' Bulk Rolls (IN8000K)**
- **Bandwidth of 50' Cable:**
135 MHz @ -3dB

The IN8200 Series flexible high resolution VGA and stereo cables are designed for VGA-type analog video signals and stereo audio signals. These cables are ideal for interconnecting VGA video sources, computer video interfaces, distribution amplifiers, switchers, data projectors, data monitors and any other compatible devices featuring 15-Pin HD VGA input/output connectors and 3.5mm mini stereo audio input/output connectors.

VGA and Stereo Audio in One Cable

IN8200 Series flexible VGA & Stereo Audio cables provide an efficient way to connect the VGA video and stereo audio signal from a laptop, desktop or other computer to an INLINE IN2100 / IN2200 Series interface or to a VGA and stereo audio distribution amplifier such as the IN3260 / IN3262DS. The IN8200 is available as bulk cable or pre-terminated in a variety of lengths with durable molded 15-Pin HD connectors for VGA signals and molded 3.5mm mini stereo plugs for stereo audio signals. Two versions are available:



IN8200 Series

VGA: 15-Pin HD Male to 15-Pin HD Female
Stereo Audio: 3.5mm Stereo Mini Male to Male

IN8200M Series

VGA: 15-Pin HD Male to 15-Pin HD Male
Stereo Audio: 3.5mm Stereo Mini Male to Male

Flexible Design

The IN8200 Series cables are made with a new 14-conductor flexible cable. Featuring a special jacket design, the IN8200 cables offer remarkable flexibility for easy handling.

Optimized for VGA Video and Stereo Audio

With 14 discrete conductors, the IN8200 Series cable is optimized to carry all critical VGA signal information including RGB components, sync signals, stereo audio signals and ID bits. Individually shielded twisted pairs are provided for the video sync signals and stereo audio signals, maximizing isolation from outside signal interference. The 14 conductor design also provides flexibility for A/V system designers and installers who can find creative uses of the IN8000 / IN8200 raw cables for specialized A/V system applications.

Mini Coax

For High Performance

While low cost VGA extension cables are often constructed entirely from twisted pair cables, the IN8200 Series cables include three high performance mini-coax conductors to carry the Red, Green, and Blue signal components. With a measured video bandwidth of 135 MHz for a 50' long cable (-3dB point with 0.7Vp-p input signal) the IN8200 Series cables provide high performance to maintain signal clarity and detail at the highest signal resolutions and refresh rates. The mini-coax design also keeps the overall cable diameter compact for easy handling.

SPECIFICATIONS

GENERAL

RGB Conductors:
(3) Mini Coax Conductors — 26 AWG

Sync / Audio Conductors:
(4) Individually Shielded Twisted Pairs — 26 AWG

ID Bits / Sense Pins:
(3) Individual Conductors — 26 AWG

Overall Shield:
Reverse Spiral Shield,
38 AWG Tinned Copper

CABLE TERMINATION PARTS

VGA Connector Kits:
15-Pin HD Female: IN9310
15-Pin HD Male: IN9311

Stereo Audio Connector:
3.5mm Stereo Mini Male Plug: IN9306

COAX CONDUCTOR SPECS

Gauge: 26 AWG —
Stranded Conductor for RGB Signals

Impedance: 75 Ω +/- 3 Ω

Capacitance: 18.0 pF/ft. nominal

Velocity: 83% nominal

Time Delay: 1.32 nSec/ft. nominal

Bandwidth – 50':
135 MHz @ -3dB with .7 Vp-p signal

Bandwidth – 100':
39 MHz @ -3dB with .7 Vp-p signal

Center Conductor DC Resistance:
41 Ω /1000 ft. nominal, 75 Ω impedance

Outer Diameter: 0.35" / 9.0 mm

Outer Jacket Material: PVC

Outer Jacket Color: Black

Regulatory Approval:
UL AWM: 2990 80 C 30V

ORDER INFORMATION

FLEXIBLE VGA & STEREO AUDIO CABLES — MOLDED 15-PIN HD MALE TO FEMALE + 3.5MM MALE TO MALE

IN8203-1 3' VGA & Stereo Audio Flexible Cable
IN8206-1 6' VGA & Stereo Audio Flexible Cable
IN8212-1 12' VGA & Stereo Audio Flexible Cable
IN8225-1 25' VGA & Stereo Audio Flexible Cable
IN8235-1 35' VGA & Stereo Audio Flexible Cable
IN8250-1 50' VGA & Stereo Audio Flexible Cable

FLEXIBLE VGA & STEREO AUDIO CABLES — MOLDED 15-PIN HD MALE TO MALE + 3.5MM MALE TO MALE

IN8203M-1 3' VGA & Stereo Audio Flexible Cable
IN8206M-1 6' VGA & Stereo Audio Flexible Cable
IN8212M-1 12' VGA & Stereo Audio Flexible Cable
IN8225M-1 25' VGA & Stereo Audio Flexible Cable
IN8235M-1 35' VGA & Stereo Audio Flexible Cable
IN8250M-1 50' VGA & Stereo Audio Flexible Cable